

Evolution Vocab

1. Macroevolution	A. similar internal anatomy shared by related species because they have been inherited in some way from a common ancestor
2. Artificial Selection	B. intentional reproduction of organisms in a population that have desirable traits
3. Diversifying Selection	C. helps to create higher order organisms; large scale evolution
4. Vestigial organs	D. type of selection that changes from one phenotype to another within an environment
5. Directional Selection	E. rate of speciation that has gradual adaptive changes over time in a population
6. Disruptive Selection	F. related species become more and more dissimilar; species of dogs or finches
7. Reproductive Isolation	G. type of selection when no single phenotype is better than another
8. Homologous structures	H. rate of speciation that has changes occur quickly in rapid bursts with long periods of stability in between
9. Natural Selection	I. species that share close ecological interactions can influence each others evolution
10. Divergent evolution	J. structures that have similar functions but evolved in unrelated organisms
11. Microevolution	K. Split of species into 2 or more lines of descent when they enter a new environment with few other species in order to fill a large variety of ecological niches
12. Analogous structures	L. organisms with traits that are beneficial in the environment will survive to pass on their traits
13. Co-evolution	M. when species are not able to interbreed because they are located in different places
14. Stabilizing Selection	N. a type of selection when intermediate phenotypes disappear and extreme phenotypes remain
15. Convergent evolution	O. formation of a new species
16. Adaptive Radiation	P. type of selection that maintains an organisms normal genetic makeup in an environment
17. Gradualism	Q. organs that had a function in the past, but serve no function in the current organism
18. Punctuated Equilibrium	R. occurs within a population; small scale evolution
19. Speciation	S. unrelated species become more and more similar to each other; dolphin and shark